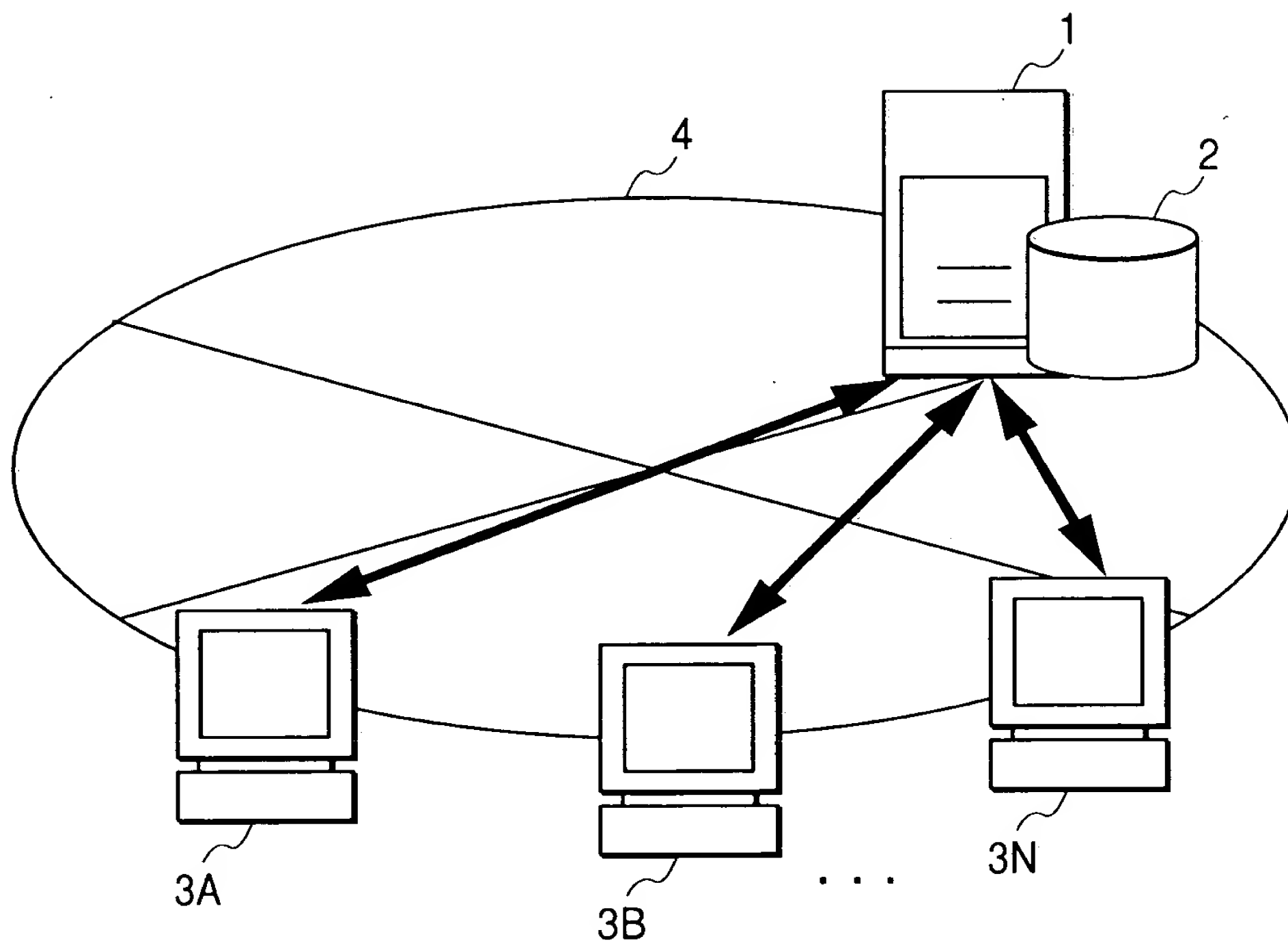


FIG. 1



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FIG. 2

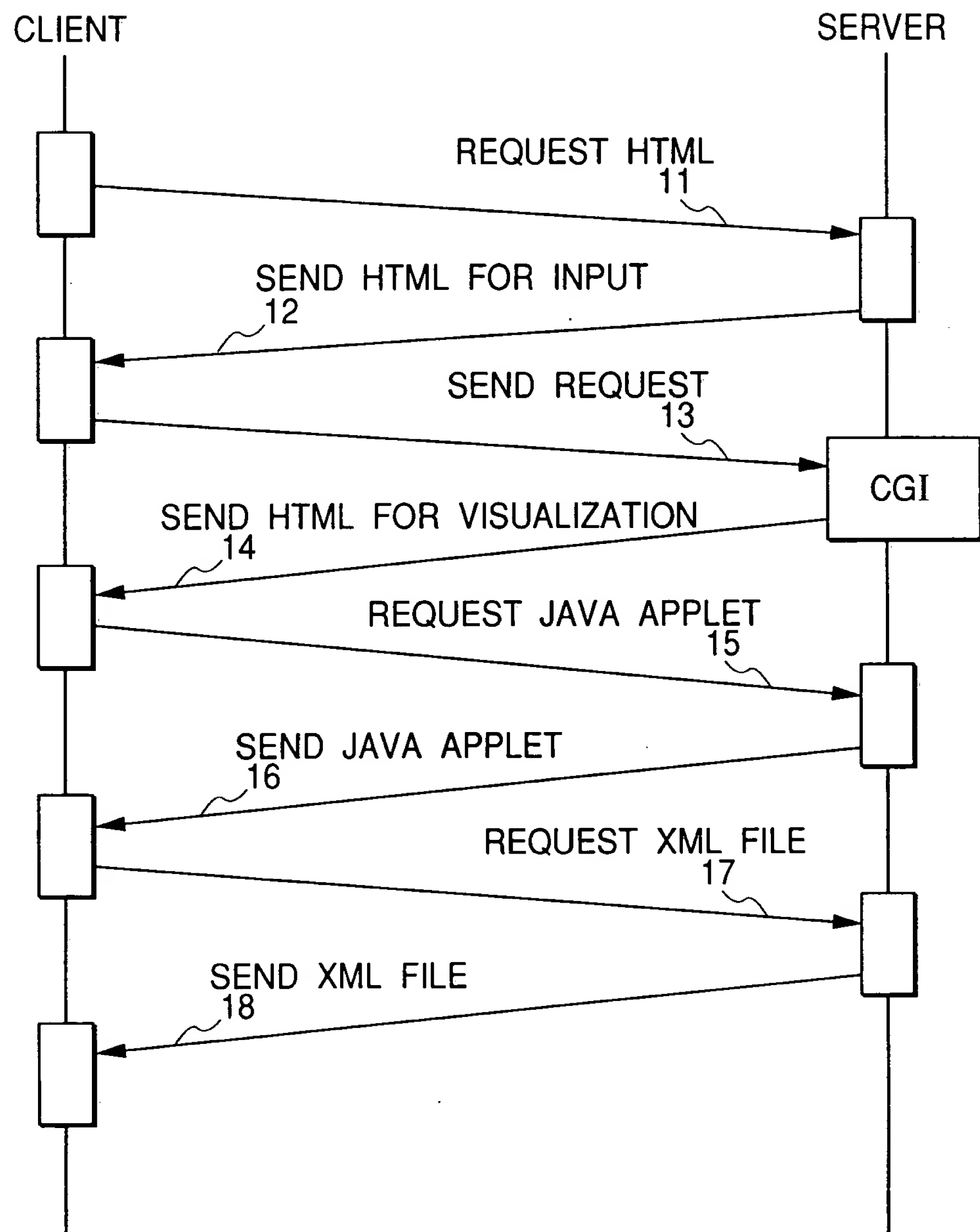
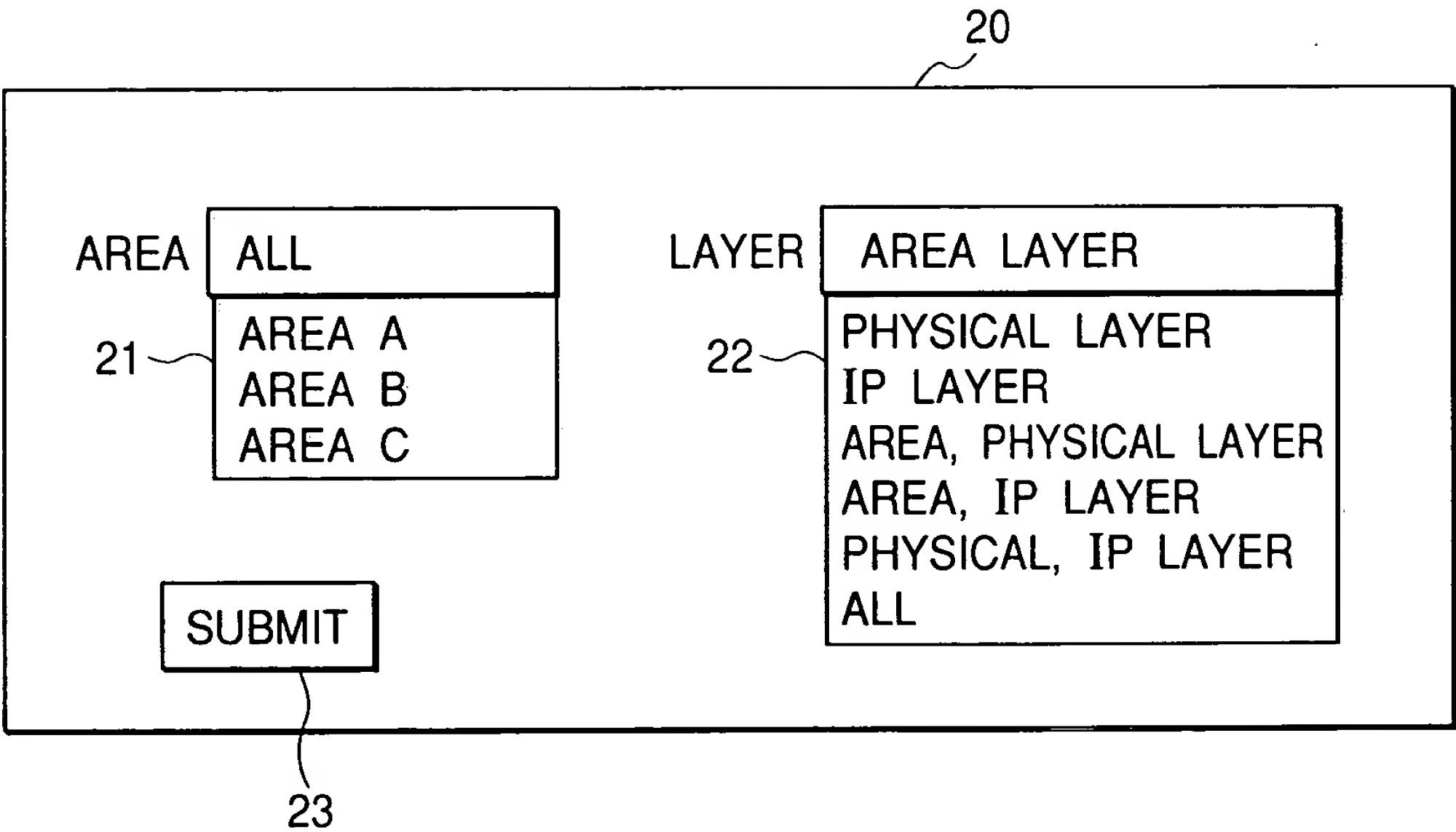


FIG. 3



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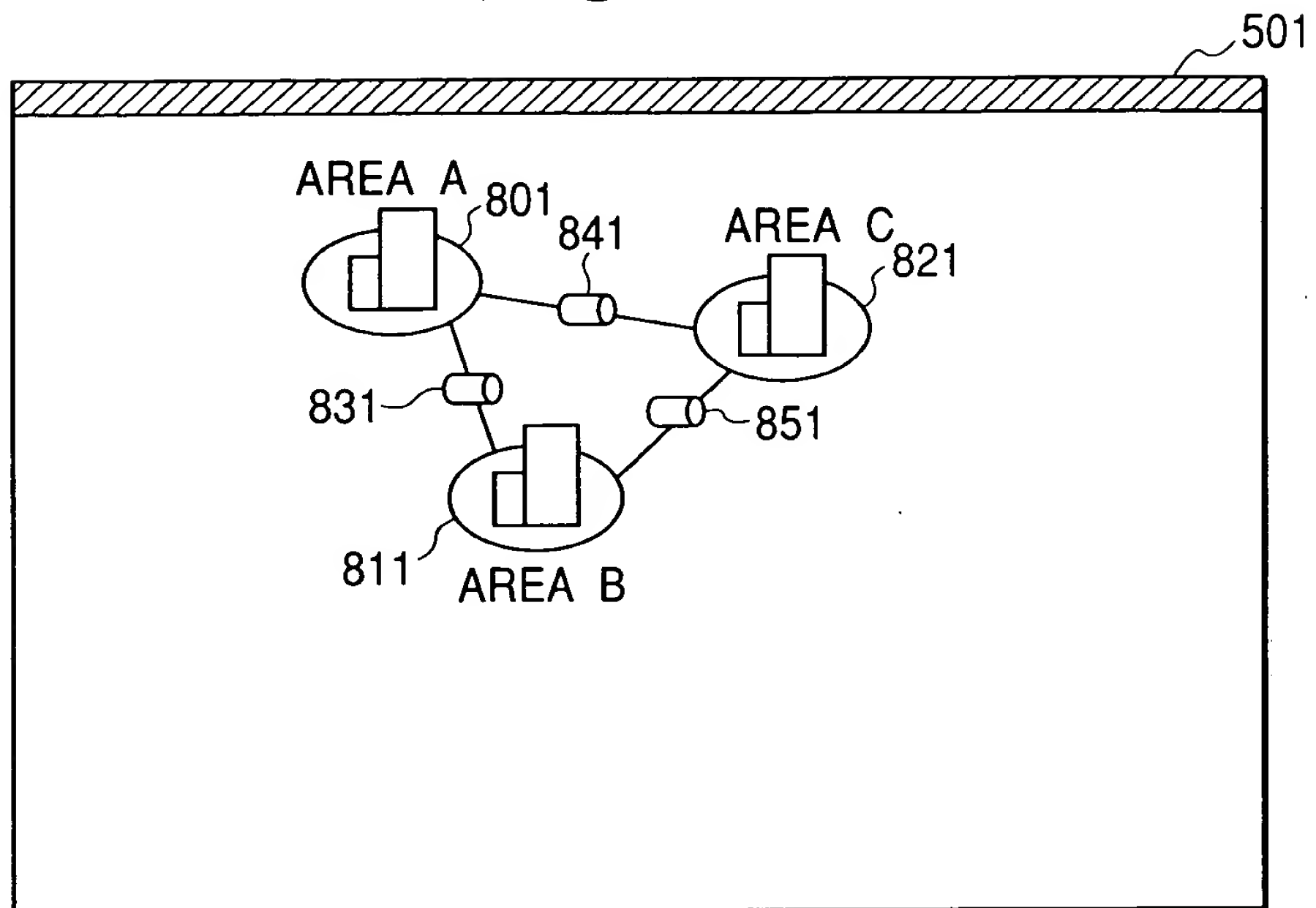
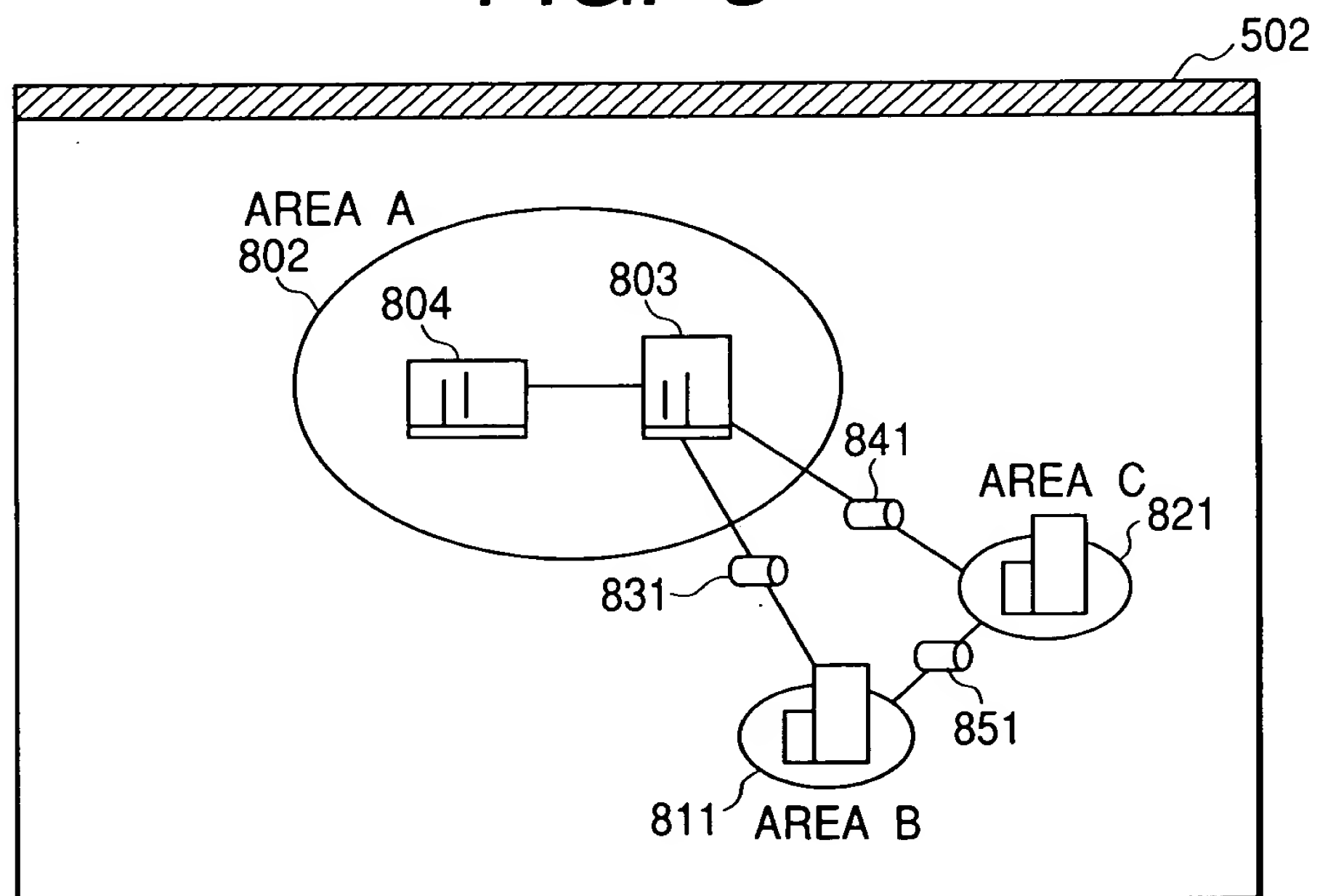
FIG. 4**FIG. 5**

FIG. 6

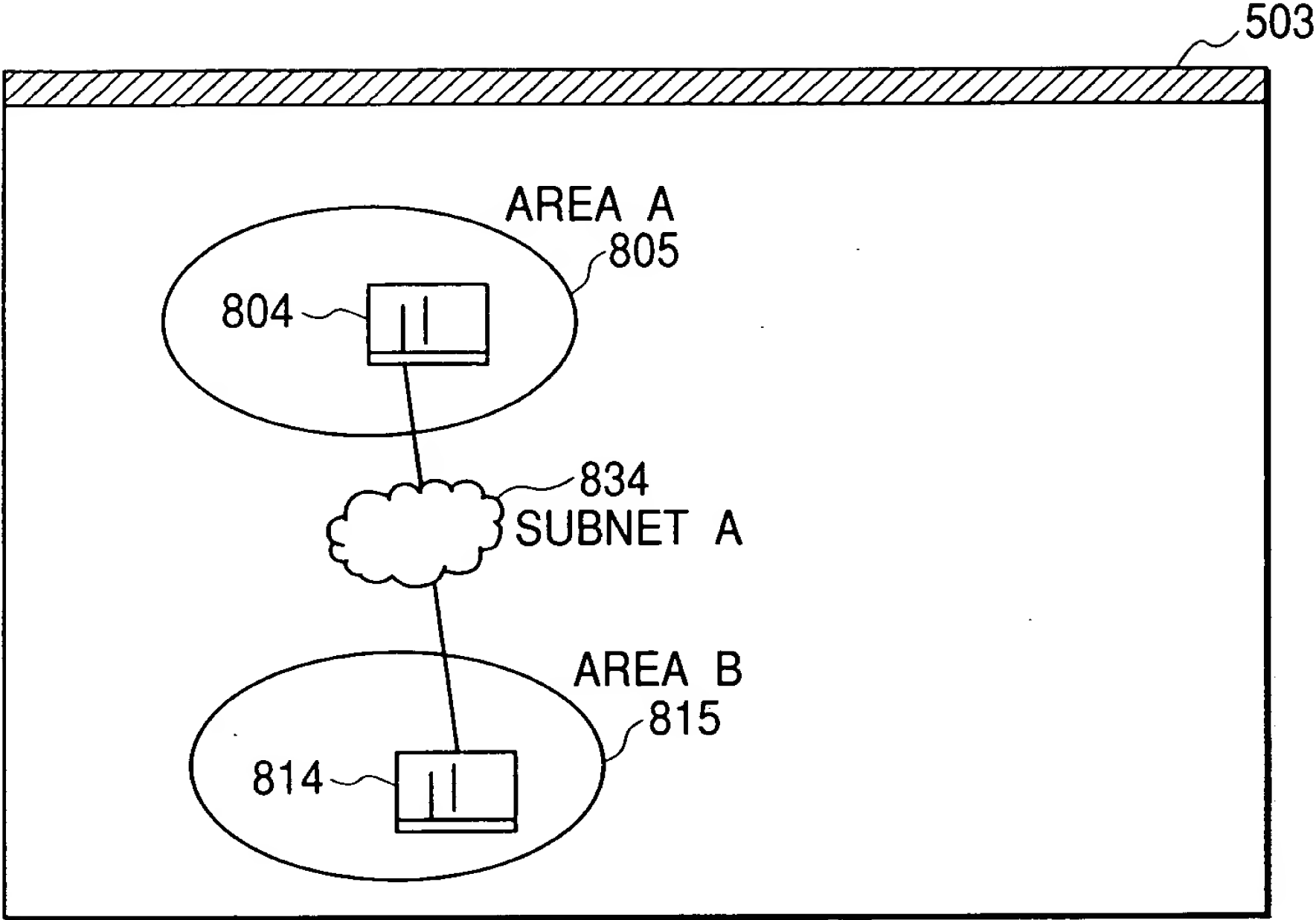


FIG. 7

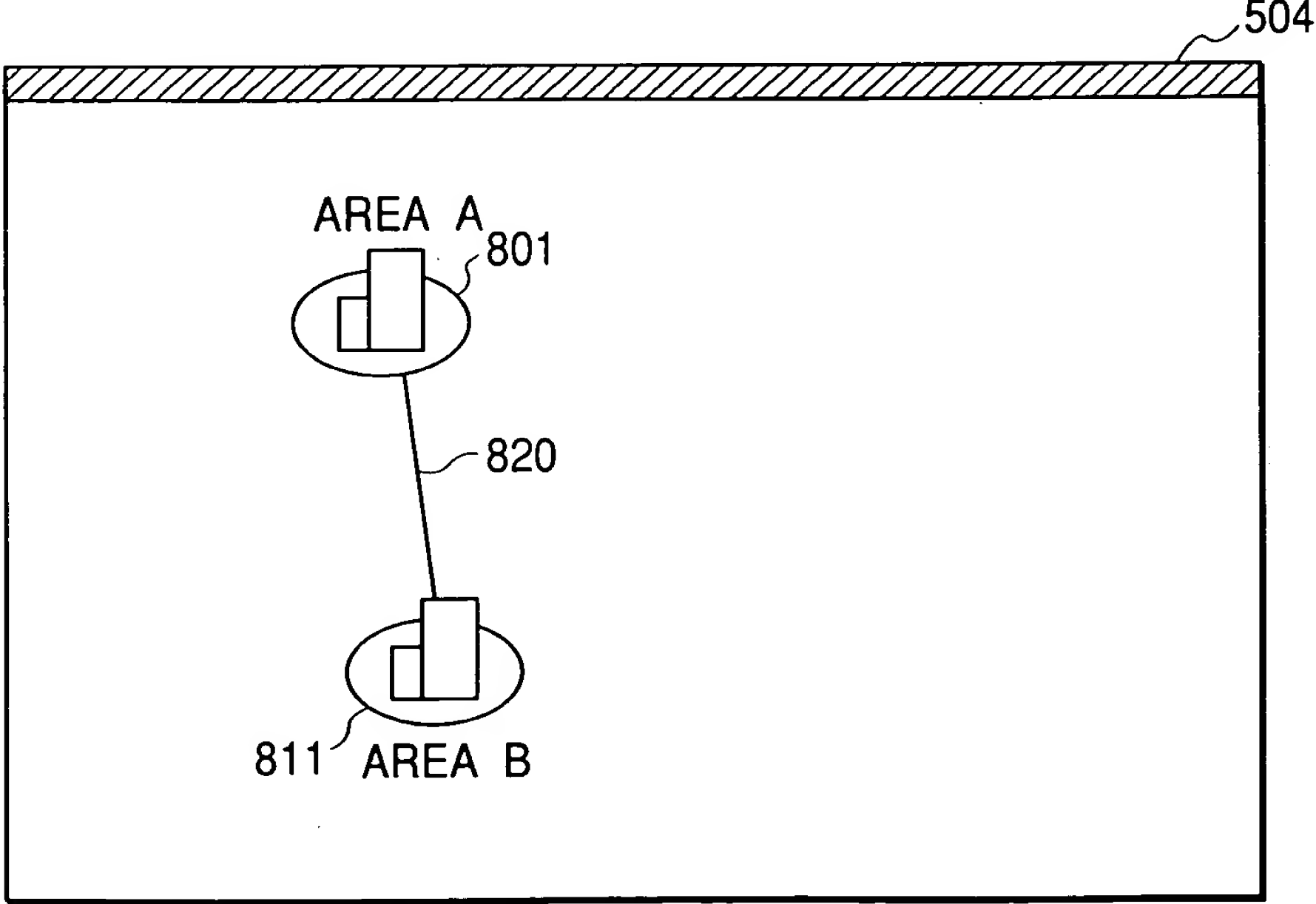
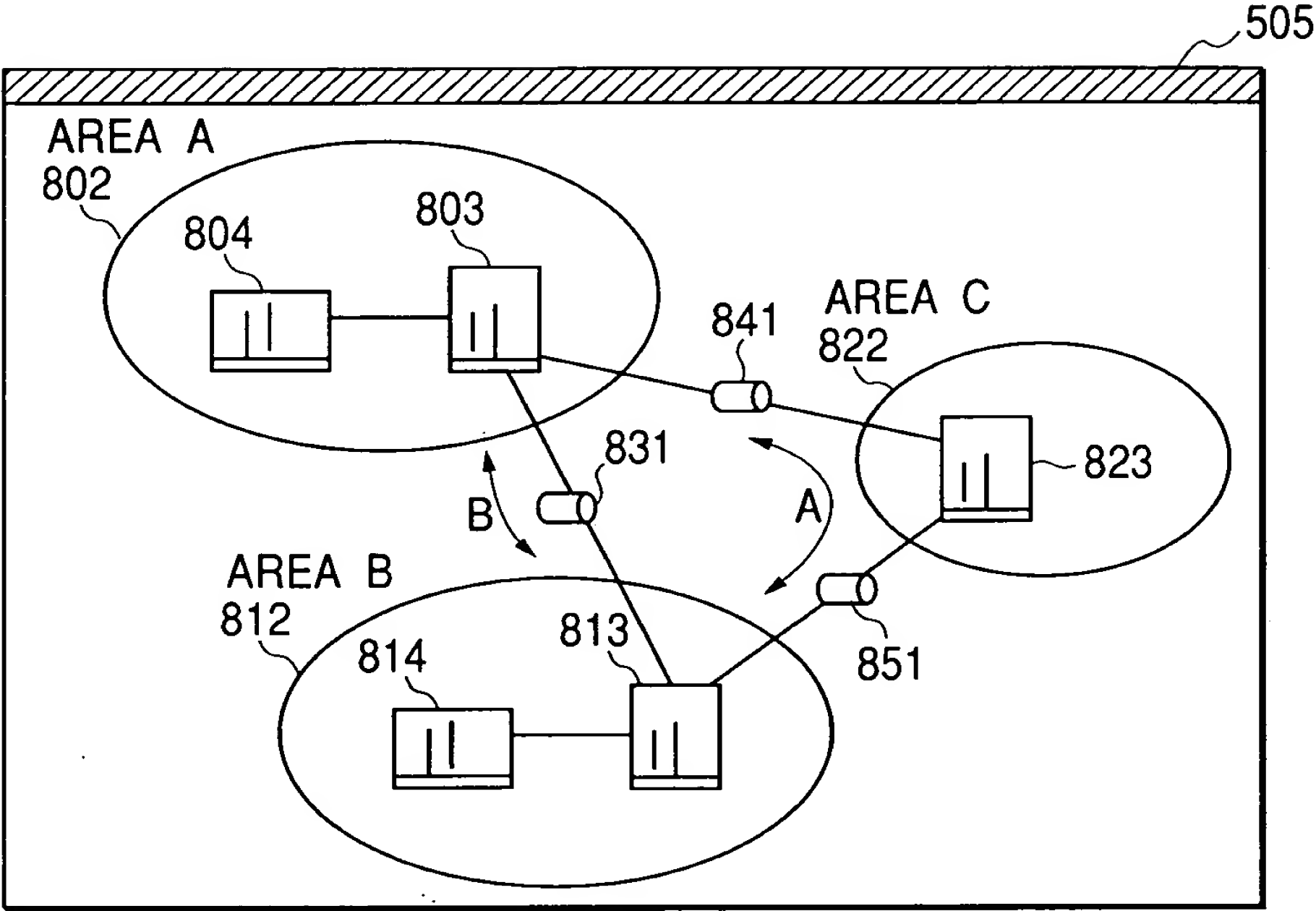


FIG. 8



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FIG. 9

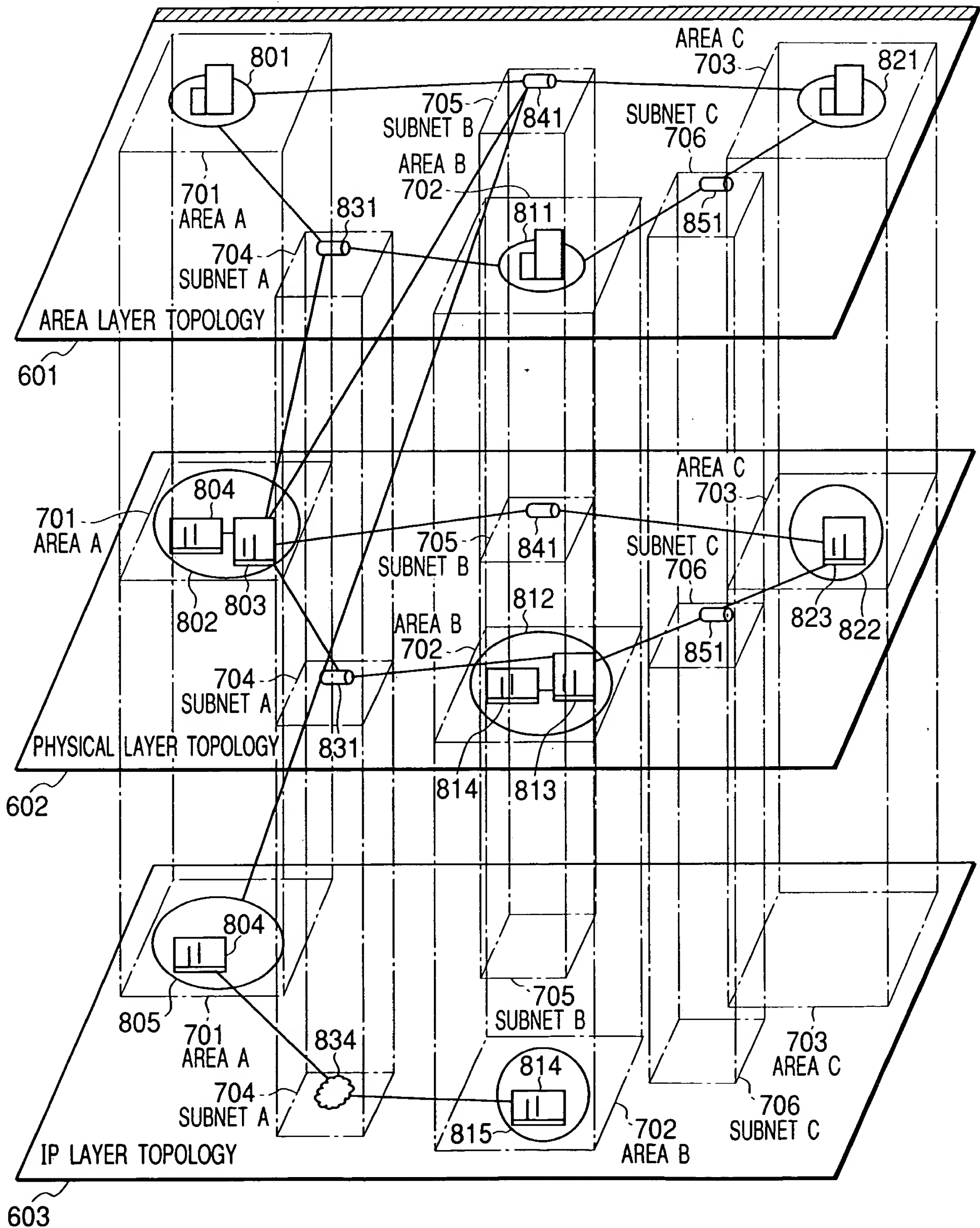


FIG. 10

210-1

```
1  <equip name="router804">
2    <position x="20" y="50" w="40" h="20"/>
3    <icon url="http://foo/router.gif"/>
4  </equip>
5  <equip name="atm-sw803">
6    <position x="30" y="10" w="20" h="30"/>
7    <icon url="http://foo/atm-sw.gif"/>
8  </equip>
9  <equip name="router814">
10   <position x="20" y="50" w="40" h="20"/>
11   <icon url="http://foo/router.gif"/>
12 </equip>
13 <equip name="atm-sw813">
14   <position x="30" y="10" w="20" h="30"/>
15   <icon url="http://foo/atm-sw.gif"/>
16 </equip>
17 <equip name="atm-sw823">
18   <position x="30" y="10" w="20" h="30"/>
19   <icon url="http://foo/atm-sw.gif"/>
20 </equip>
21 <location name="A-relay801">
22   <position x="5" y="5" w="20" h="20"/>
23   <icon url="http://foo/relay.gif"/>
24 </location>
25 <location name="A-relay802">
26   <position x="0" y="0" w="100" h="100"/>
27   <icon url="http://foo/relay.2.gif"/>
28 </location>
29 <location name="A-relay805">
30   <position x="0" y="0" w="60" h="50"/>
31   <icon url="http://foo/relay.3.gif"/>
32 </location>
```


FIG. 11

210-2

```

33  <location name="B-relay811">
34    <position x="0" y="0" w="20" h="20"/>
35    <icon url="http://foo/relay.gif"/>
36  </location>
37  <location name="B-relay812">
38    <position x="0" y="0" w="100" h="100"/>
39    <icon url="http://foo/relay.2.gif"/>
40  </location>
41  <location name="B-relay815">
42    <position x="0" y="0" w="100" h="100"/>
43    <icon url="http://foo/relay.3.gif"/>
44  </location>
45  <location name="C-relay821">
46    <position x="0" y="0" w="20" h="20"/>
47    <icon url="http://foo/relay.gif"/>
48  </location>
49  <location name="C-relay822">
50    <position x="0" y="0" w="30" h="30"/>
51    <icon url="http://foo/relay.4.gif"/>
52  </location>
53  <net name="netA831">
54    <position x="0" y="0" w="10" h="10"/>
55    <icon type="http://foo/physicalNet.gif"/>
56  </net>
57  <net name="netA834">
58    <position x="0" y="0" w="10" h="10"/>
59    <icon type="http://foo/logicalNet.gif"/>
60  </net>
61  <net name="netB841">
62    <position x="0" y="0" w="10" h="10"/>
63    <icon type="http://foo/physicalNet.gif"/>
64  </net>
65  <net name="netC851">
66    <position x="0" y="0" w="10" h="10"/>
67    <icon type="http://foo/physicalNet.gif"/>
68  </net>

```

FIG. 12

220-1

```

1  <LOVD name="A-relay-LOVD" x="10" y="10">
2    <level num="1" w="30" h="30">
3      <obj name="A-relay801"/>
4    </level>
5    <level num="2" w="100" h="100">
6      <obj name="A-relay802"/>
7      <obj name="router804"/>
8      <obj name="atm-sw803"/>
9    </level>
10   <level num="3" w="60" h="50">
11     <obj name="A-relay805"/>
12     <obj name="router804"/>
13   </level>
14 </LOVD>
15 <LOVD name="B-relay-LOVD" x="20" y="70">
16   <level num="1" w="30" h="30">
17     <obj name="B-relay811"/>
18   </level>
19   <level num="2" w="100" h="100">
20     <obj name="B-relay812"/>
21     <obj name="router814"/>
22     <obj name="atm-sw813"/>
23   </level>
24   <level num="3" w="60" h="50">
25     <obj name="B-relay815"/>
26     <obj name="router814"/>
27   </level>
28 </LOVD>
29 <LOVD name="C-relay-LOVD" x="70" y="20">
30   <level num="1" w="30" h="30">
31     <obj name="C-relay821"/>
32   </level>
33   <level num="2" w="40" h="50">
34     <obj name="C-relay822"/>
35     <obj name="atm-sw823"/>
36   </level>
37 </LOVD>

```

FIG. 13

220-2

38	<LOVD name="netA-LOVD" x="25" y="50">
39	<level num="1" w="10" h="10">
40	<obj name="netA831"/>
41	</level>
42	<level num="2" w="10" h="10">
43	<obj name="netA831"/>
44	</level>
45	<level num="3" w="10" h="10">
46	<obj name="netA834"/>
47	</level>
48	</LOVD>
49	<LOVD name="netB-LOVD" x="50" y="30">
50	<level num="1" w="10" h="10">
51	<obj name="netB841"/>
52	</level>
53	<level num="2" w="10" h="10">
54	<obj name="netB841"/>
55	</level>
56	</LOVD>
57	<LOVD name="netC-LOVD" x="60" y="60">
58	<level num="1" w="10" h="10">
59	<obj name="netC851"/>
60	</level>
61	<level num="2" w="10" h="10">
62	<obj name="netC851"/>
63	</level>
64	</LOVD>
65	<init_LOVD num="1"/>

FIG. 14

<pre> 1 <connection name="A-relay801"> 2 <obj name="netA831"/> 3 </connection> 4 <connection name="A-relay801"/> 5 <obj name="netB841"/> 6 </connection> 7 <connection name="B-relay811"/> 8 <obj name="netA831"/> 9 </connection> 10 <connection name="B-relay811"> 11 <obj name="netC851"/> 12 </connection> 13 <connection name="C-relay821"> 14 <obj name="netB841"/> 15 </connection> 16 <connection name="C-relay821"> 17 <obj name="netC851"/> 18 </connection> </pre>	<pre> 19 <connection name="atm-sw803"> 20 <obj name="netA831"/> 21 </connection> 22 <connection name="atm-sw803"> 23 <obj name="netB841"/> 24 </connection> 25 <connection name="atm-sw813"> 26 <obj name="netA831"/> 27 </connection> 28 <connection name="atm-sw813"> 29 <obj name="netC851"/> 30 </connection> 31 <connection name="atm-sw823"> 32 <obj name="netB841"/> 33 </connection> 34 <connection name="atm-sw823"> 35 <obj name="netC851"/> 36 </connection> 37 <connection name="router804"> 38 <obj name="atm-sw803"/> 39 </connection> 40 <connection name="router814"> 41 <obj name="atm-sw813"/> 42 </connection> 43 <connection name="router804"> 44 <obj name="netA834"/> 45 </connection> 46 <connection name="router814"> 47 <obj name="netA834"/> 48 </connection> 49 <connection name="A-relay805"/> 50 <obj name="netB841"/> 51 </connection> </pre>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

FIG. 15

240

1	<relation name="netA834">
2	<obj name="atm-sw803"/>
3	<obj name="netB841"/>
4	<obj name="atm-sw823"/>
5	<obj name="netC851"/>
6	<obj name="atm-sw813"/>
7	</relation>

FIG. 16

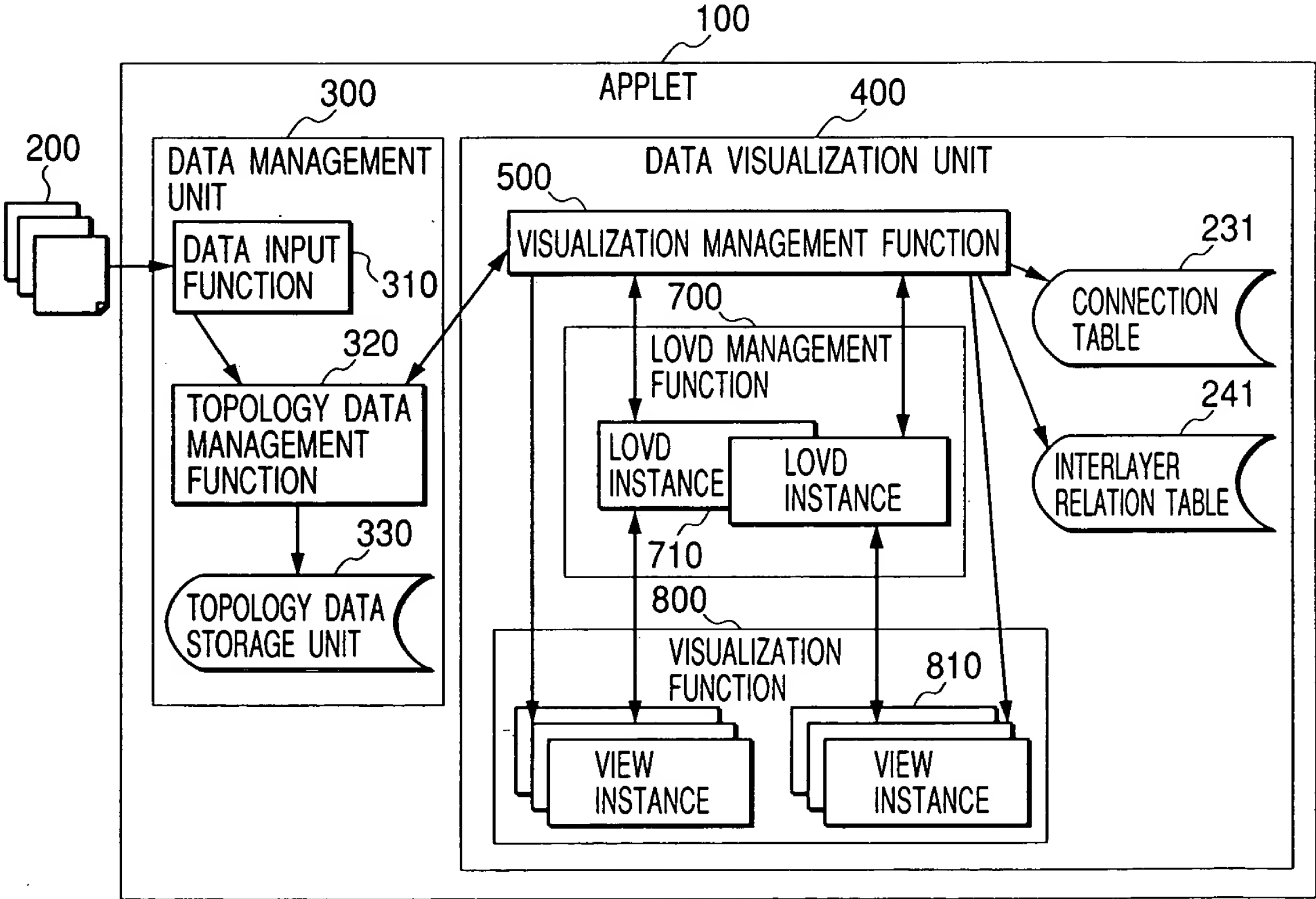


FIG. 17

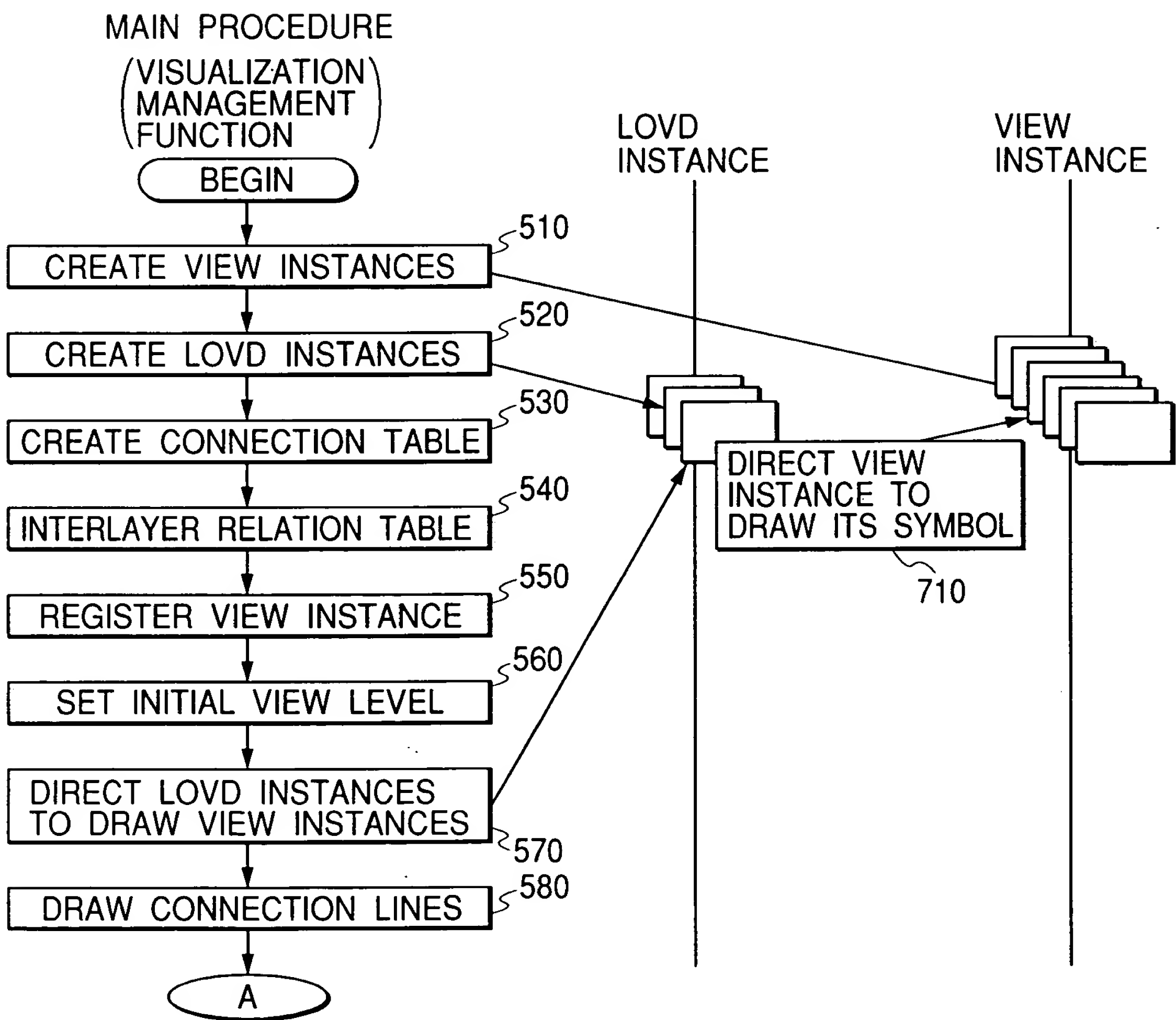


FIG. 18

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VIEW INSTANCE	VIEW INSTANCE
A-relay801	netA831
A-relay801	netB841
B-relay811	netA831
B-relay811	netC851
C-relay821	netB841
C-relay821	netC851
atm-sw803	netA831
atm-sw803	netB841
atm-sw813	netA831
atm-sw813	netC851
atm-sw823	netB841
atm-sw823	netC851
router804	atm-sw803
router814	atm-sw813
A-relay805	netB841
router804	netA834
router814	netA834

FIG. 19

241

PARENT INSTANCE	CHILD INSTANCE
netA834	atm-sw803
netA834	netB841
netA834	atm-sw823
netA834	netC851
netA834	atm-sw813

FIG. 20

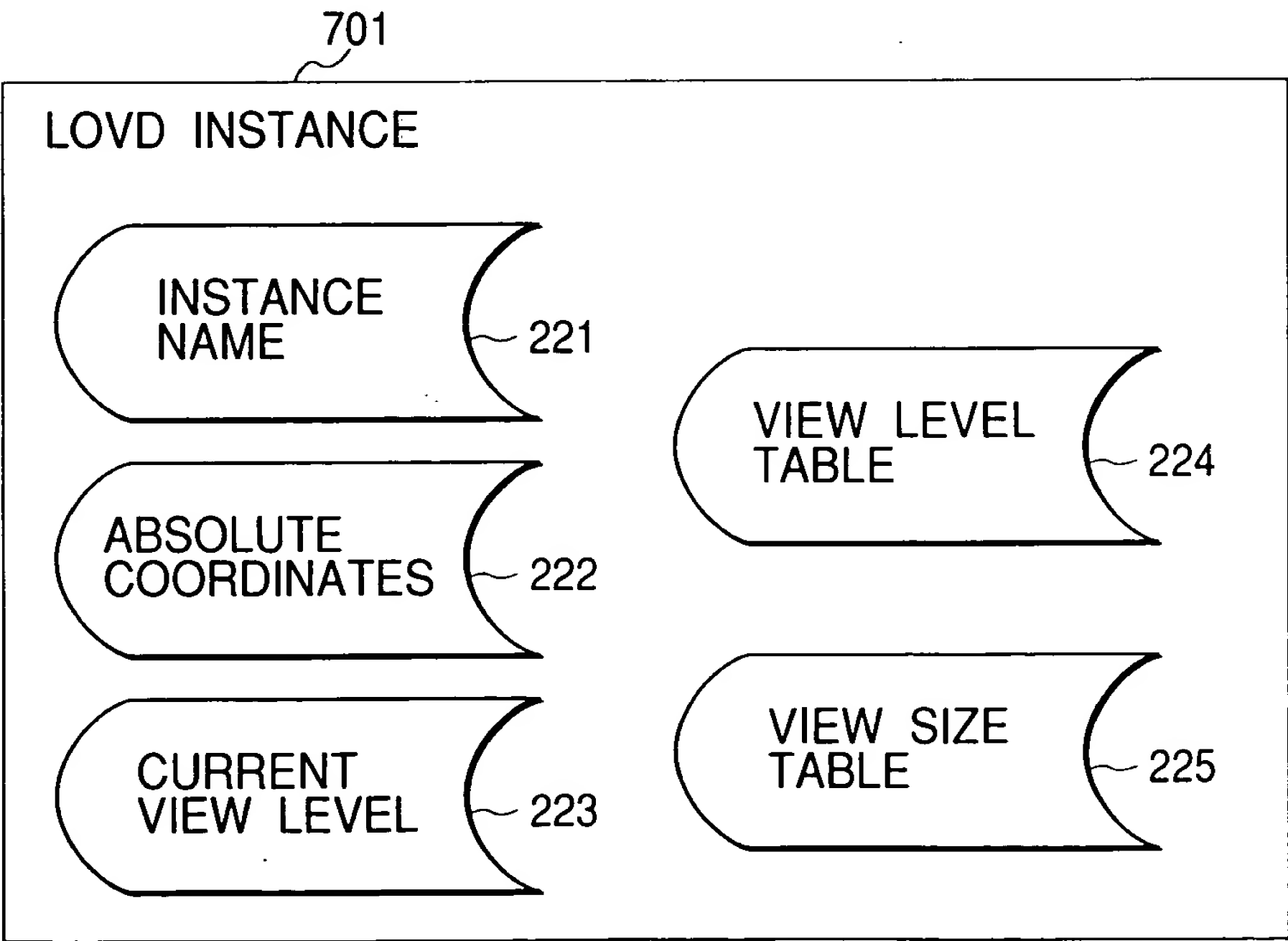


FIG. 21

224

VIEW LEVEL	VIEW INSTANCE
1	A-relay801
2	A-relay802
2	router804
2	atm-sw803
3	A-relay805
3	router804

FIG. 22

225

VIEW LEVEL	WIDTH	HEIGHT
1	30	30
2	100	100
3	60	50

FIG. 23

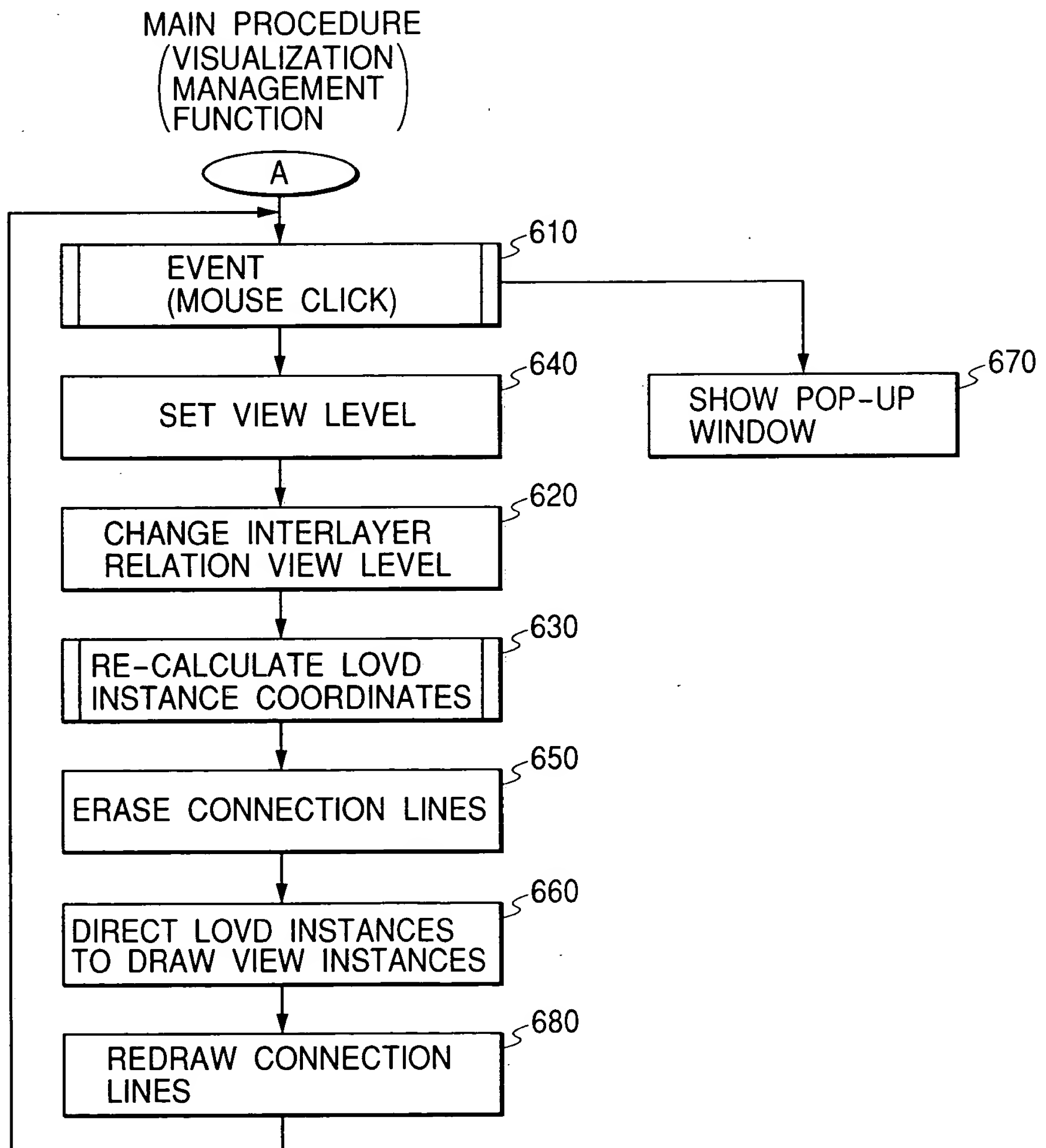
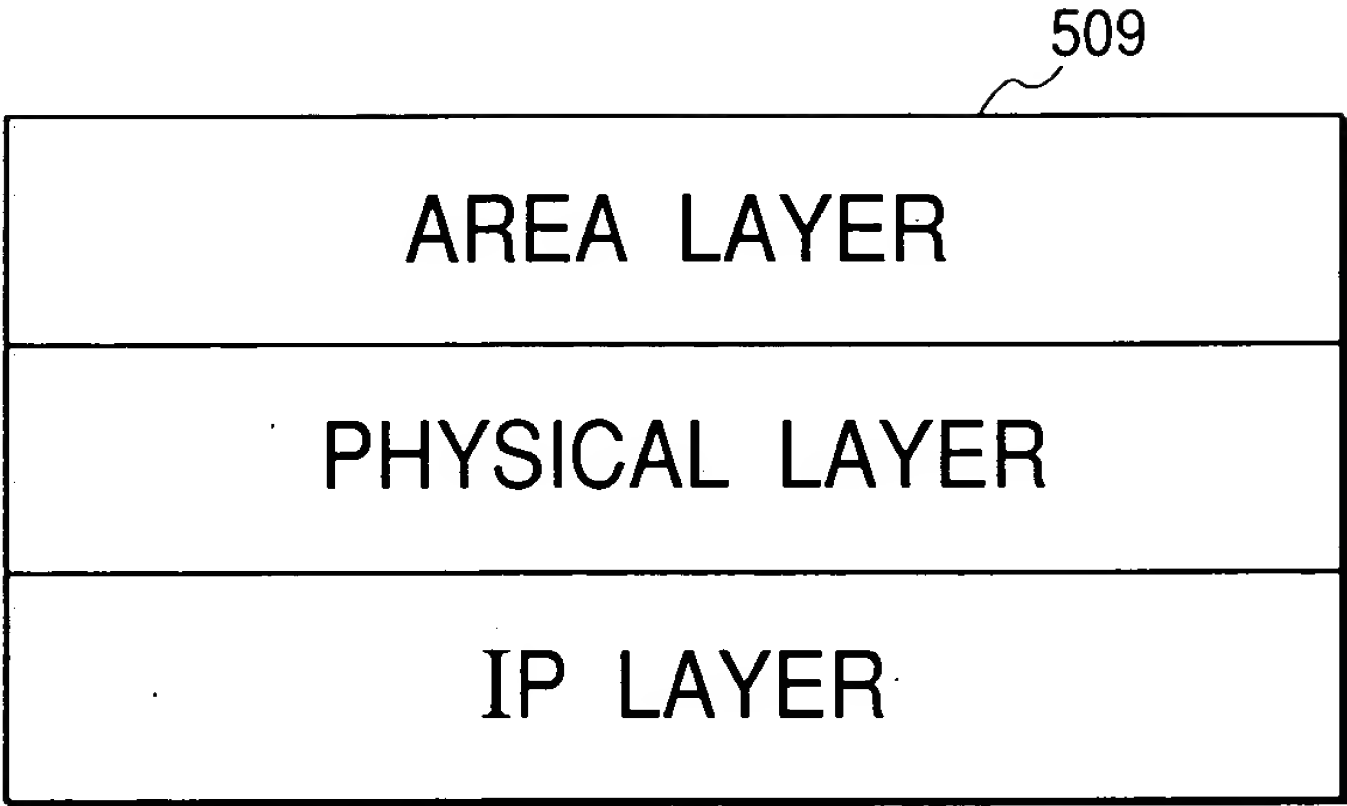


FIG. 24



05920924-080304
TOPSECRET-22602650

FIG. 25

LOVD INSTANCE COORDINATES RE-CALCULATION

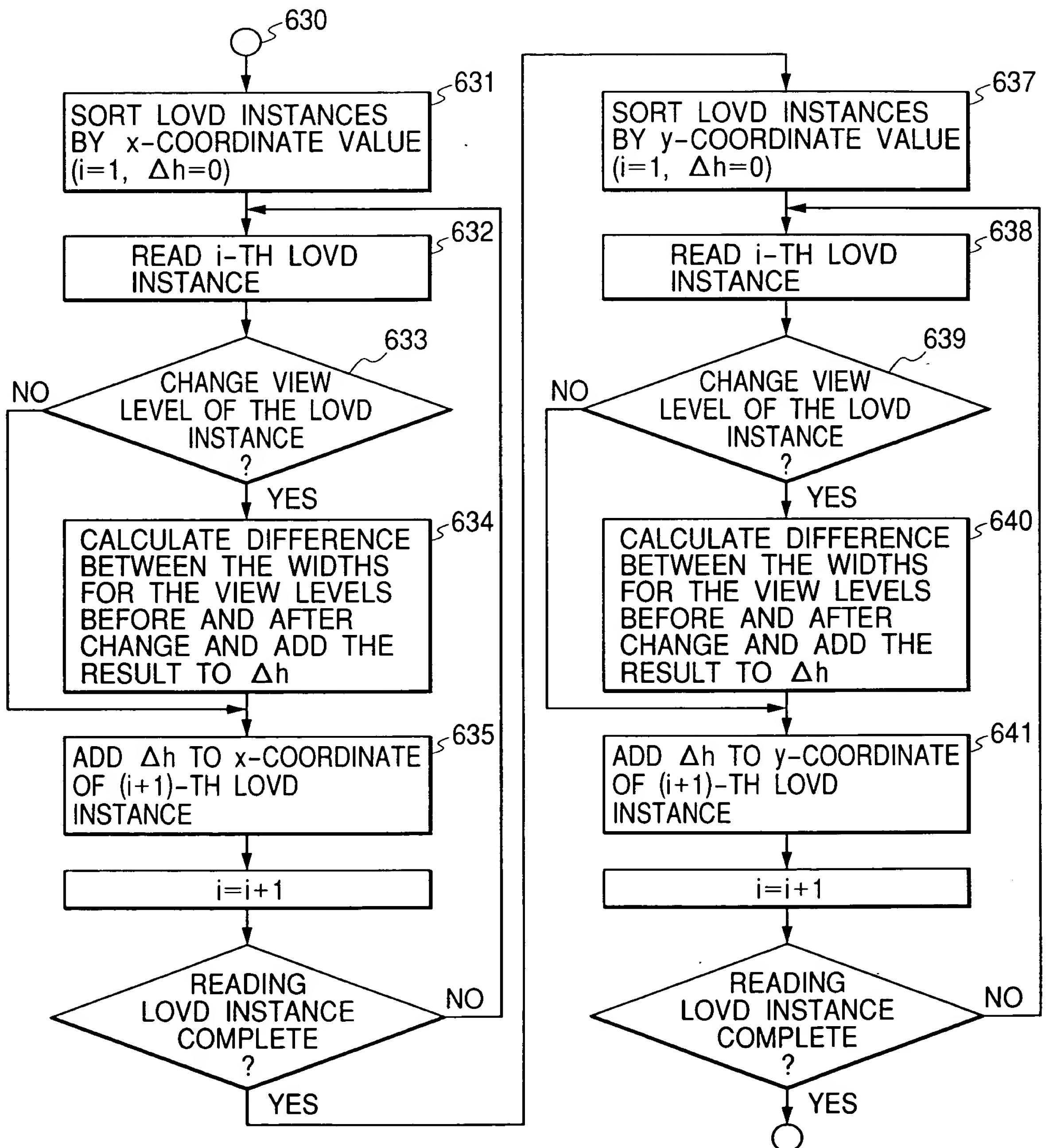
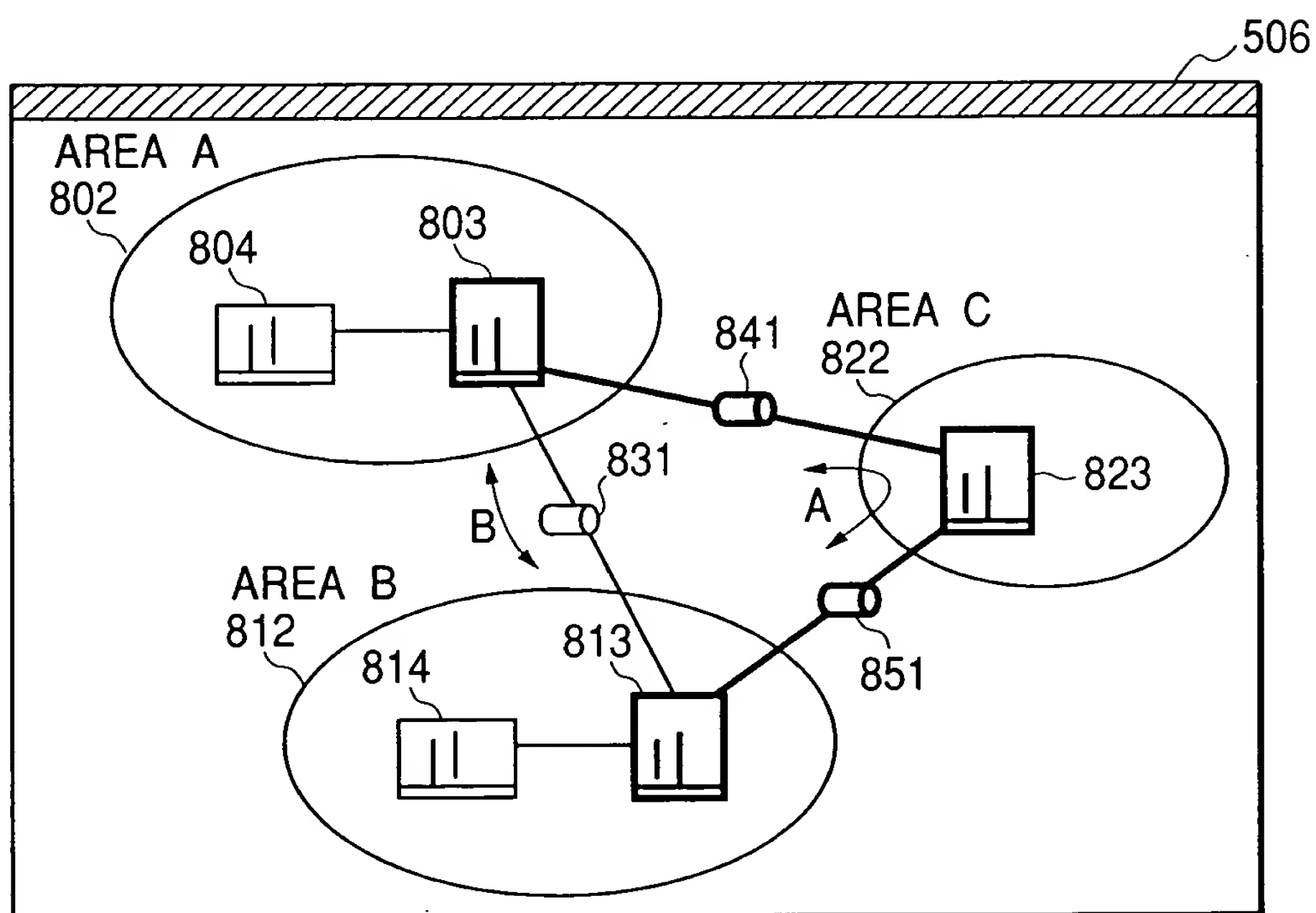


FIG. 26



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FIG. 27

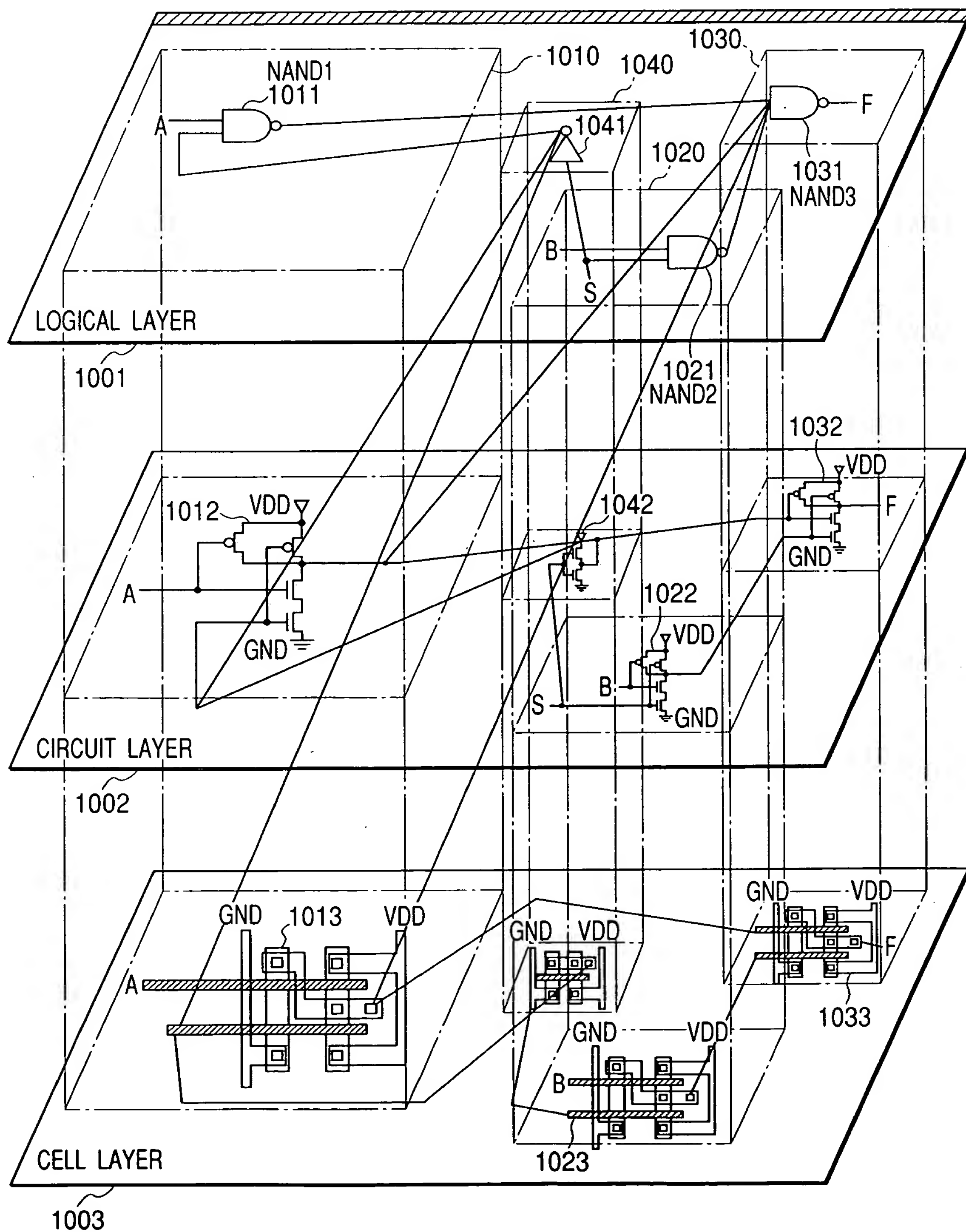


FIG. 28

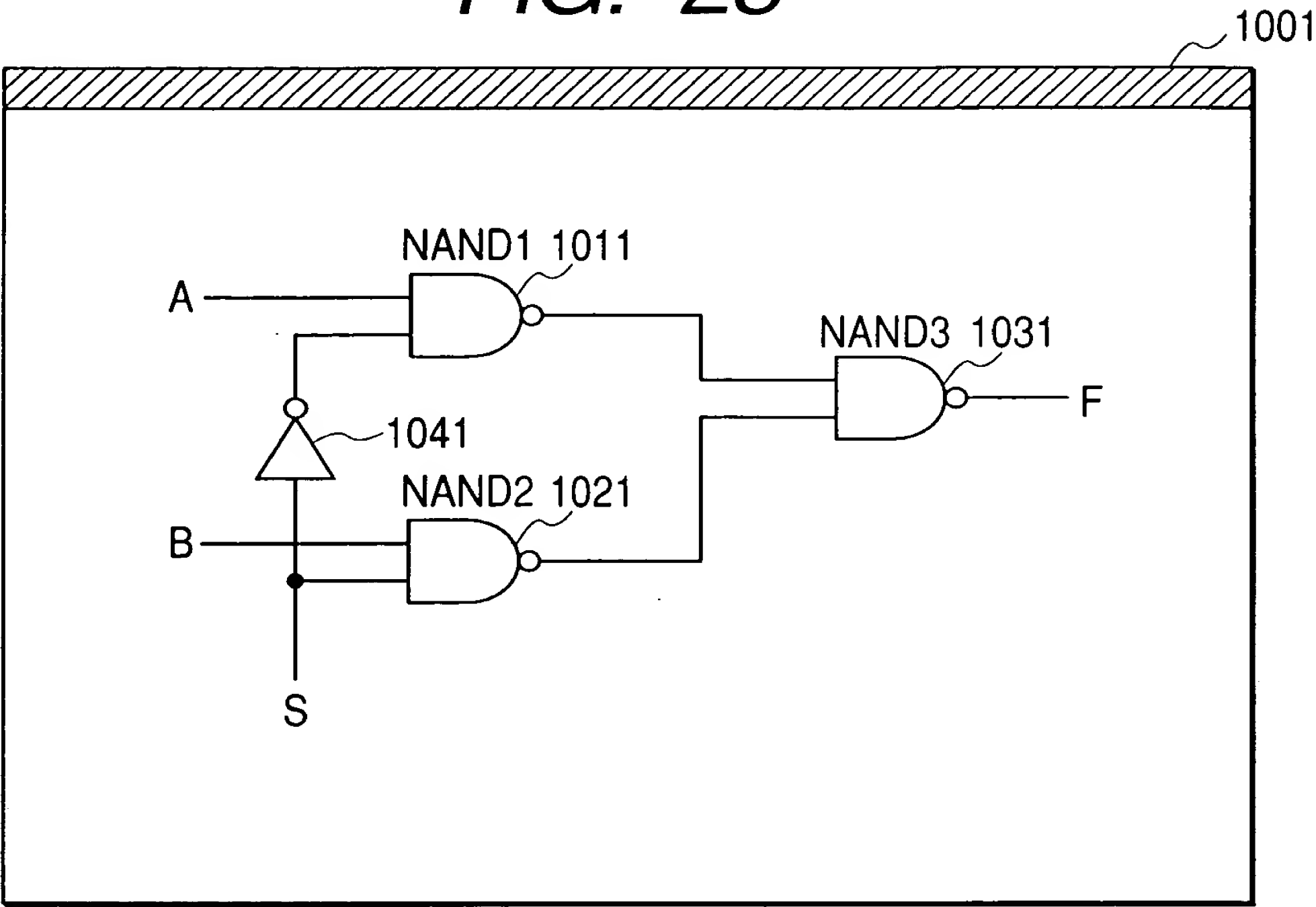


FIG. 29

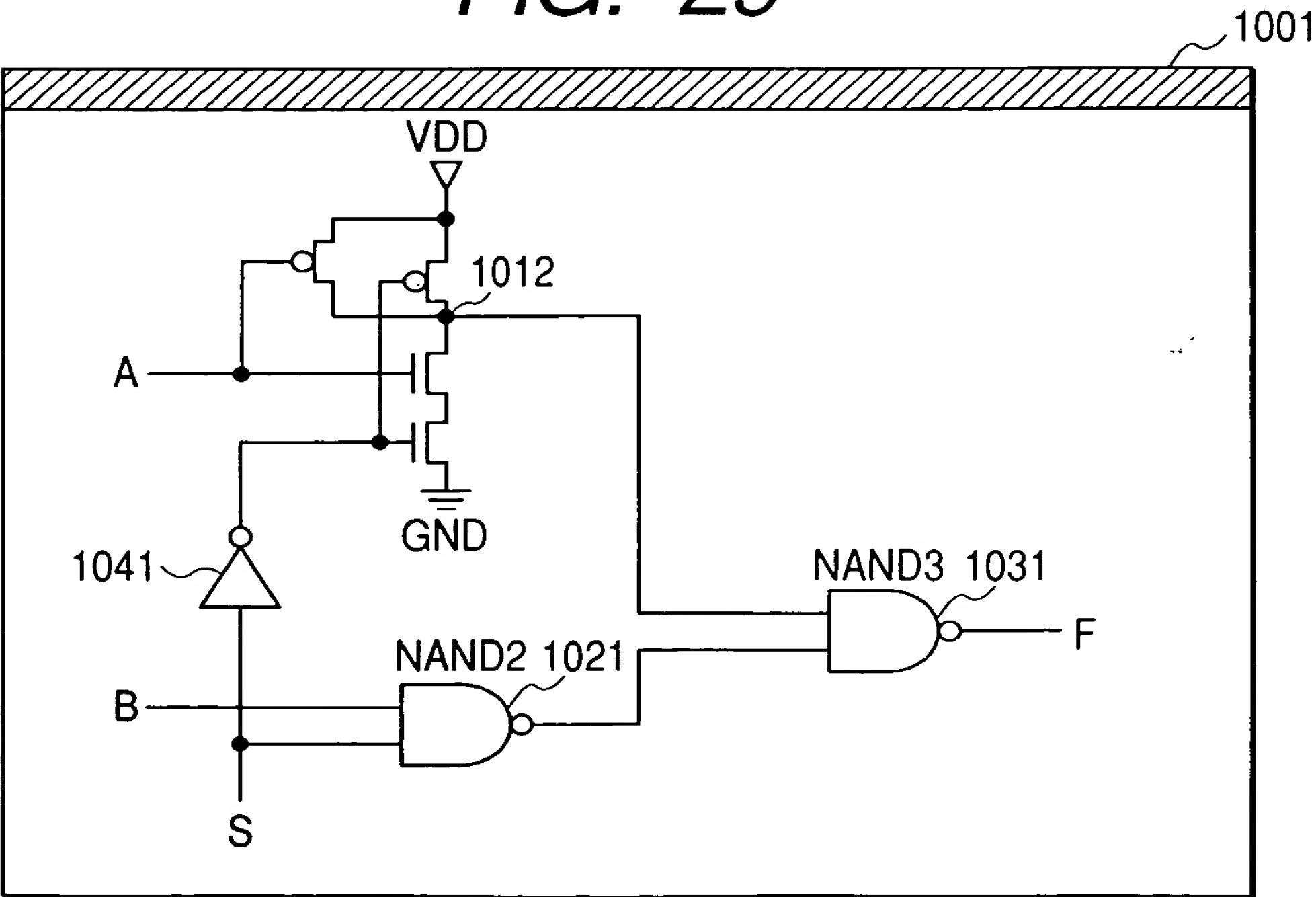


FIG. 30

